FORM PTO/SB/08A/B (10-01 Substitute for PTO-1449A/B

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Attorney Docket Number	58270/A400
Attorney Docket Itumber	30210/A400
Application Number	10/590,761
Filing Date	August 24, 2006
Applicant(s)	Harukazu Kitagawa, et al.
Group Art Unit	1633
Examiner Name	Janet L. Epps Ford

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

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		OTHER DOCUMENTS
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		Tokunaga, T. et al., Antihumor Activity of Deoxyribonucleic Acid Fraction From Mycobacterium bovis BCG. I. Isolation, Physicochemical Characterization, and Antitumor Activity, J. Natl. Cancer Inst., Vol. 72, No. 4, April 1984, pp 955-962
		Yamamoto, S. et al., Unique Palindromic Sequences in Synthetic Oligonucleotides Are Required to Induce INF and Augment INF-Mediated Natural Killer Activity, The Journal of Immunology, Vol. 148, No. 12, June 15, 1992, pp 4072-4076
		Krieg AM. et al., CpG motifs in bacterial DNA trigger direct B-cell activation, Letters To Nature, Vol.374, April 6, 1995, pp 546-549
		Verthelyi, D. et al., Differential signaling by CpG DNA in Cs and B cells: not just TLR9, Trends In Immunology, Vol. 24, No. 10, October 2003, pp 519-522
		Ballas ZK. et al., Induction of NK Activity in Murine and Human Cells by CpG Motifs in Oligodeoxynucleotides and Bacterial DNA, The Journal of . Immunology., Vol. 157, 1996, pp 1840-1845
		Boggs RL. et al., Characterization and Modulation of Immune Stimulation by Modified Oligonucleotides, Antisense & Nucleic Acid Drug Development, Vol 7, 1997, pp 461-471
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		Halpern, M.D., et al., Bacterial DNA Induces Murine Interferon-y Production by Stimulation of Interleukin-12 and Tumor Necrosis Factor-a. Cellular Immunology, Vol. 167, Article No. 0009, 1996, pp 72-78
		Bohle, B. et al., Oligodeoxynucleotides containing CpG motifs induce IL-12, IL-18 and IFN-y production in cells from allergic individuals and inhibit IgE synthesis in vitro, Eur. J. Immunol., Vol. 29, 1999, pp 2344-2353
		Iho, S. et al., Oligodeoxynucleotides Containing Palindrome Sequences with Internal 5 "-CpG-3" Act Directly on Human NK and Activated T Cells to Induce IFN-γ Production In Vitro, The Journal of Immunology, Vol 163, 1999, pp 3642-3652
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		Hemmi, H. et al., A Toll-like receptor recognizes bacterial DNA, letters to nature, Vol. 408, December 2000, pp 740-745
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		Hartmann, G. et al., Mechanism and Function of a Newly Identified CpG DNA Motif in Human Primary B Cells, The Journal of Immunology, Vol. 164, 2000, pp 944-952
		Takauji, R. et al., CpG==DNA-induces IFN-a production involves p38 MAPK-dependent STAT1 phosphorylation in human plasmacytoid dendritic cell precursors, Journal of Leukocyte Biology, Vol. 72, November 2002, pp 1011-1019
		Halpern, M.D., et al., In vitro inhibition of murine IFNy production by phosphorothioate deoxyguanosine oligomers, Immunopharmacology, Vol. 29, 1995, pp 47-52
		Chaec, J., et al., Bacterial DNA-Induced NK Cell IFN-y Production in Dependent on Macrophage Secretion of IL-12, Clinical Immunology and Immunopathology, Vol. 84, No. 2, August 1997, pp 185-193, Article No. IB74380

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